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RECORD OF COMMUNICATION	OTHER (SPECIFY)	TRIP CONFERENCE
	(Record of item checked at	pove)
To: Bill Bryson, KDHE BOG Larry Knouche, KDHE BOG	FROM: Dave Crawford, EPA SPFD Karen Flournoy EPA PMTS	DATE 10/18/82
John P. Goetz KDHE BES		TIME
SUBJECT		
Vulcan Materials Co. (VMC), Wich	ita, Ks	
SUMMARY OF COMMUNICATION	ago.	
fields & deology has for some time a the remedial action on this sime. Superfund Notification on the was EPA was the lead agency on this shrief us on the specifics of the dial action at this site.  WASTE DISPOSAL Bryson did most of the briefing where he had done particular world duct spillage may have resulted 1. Brine pit Prior to the briefing had used a 40 acre brine pit some chloride wastes. The releast one time found the chloride	office of KDHE on this site. The me been the lead on the groundwate te. John explained that VMC had reste disposal (burial of the "hex" site under the Superfund Program. wastes disposal, the potential im for KDHE, although Knouche expanded to the site. Several types of wain some gw contamiantion as follow urial of any wastes Frontier (predin the area for the treatment, disevance of this was that the monito e concentrations in the gw might bare now concerned with. Chlorides rine pit.	r contamination problem cently submitted a & "alpha cake" wastes KDHE had agreed to pacts and the remedian some areas ste disposal or prosiecessor to VMC) posal or storage of irng program had e more of htm a
Alpha cake burial - Alpha of a-BHC. The waste was buried in tions of this murial.	cake was a by-product waste from t n a solidified form. Some of the m	he manufacture of aps show the loca-
ted benzene. It is described a of a variety of chlorinated or	es was generated in the manufactur as a complex organic & would have rganics. The hex waste was of a mo e locations of this burial, Burial st concern athis site.	typically consisted re viscous nature.
VMC described the lines as "poor of the contamiantion of now i conclusions, action taken or required	ime all of VMC product transfer li orous". KDHE describes the lines a n the groundwater may be the resul product from these leaky lines. As all of these lines are now above g	s leaky. The majoirit t of the loss of part of their reme-
this site regarden the direct	o disagreement among the geologist ions of gw flow, the source of gw ntaminants. The initial geo work dial action was done by Layne-West	contamiantion, & to define the prob-

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tamiants) at the site. A Thomas Pickett ( U of \_

TO:

30299071 Superfund

) is doing this

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to VMC. Bryson then reviewed & approved the geo work done by LW. Recently it was decided that it would be appropriate to medel gw flow (& later the transport of

RECORD OF COMMUNICATION	OTHER (SPECIFY	DISCUSSION FIELD	TRIP CONFERENCE
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Vulacn Materials Co., Wichita,	Ks.	Page 2	
SUMMARY OF COMMUNICATION		Tige C	
the modeling for VMC. Bryson is the initial & the follow-up wood duct.  GW flow at this site is complicated to the site, which for a time large well located to the north dient of about 7 ft./mile). Uresulted in the transport of sto the north. USE of the KGE nants present in the gw north when the KGE well was used. Brof the gw contamination found  VMC also had a large process wells ceased this resulted in SW). Use of htex this VMC process. Use of htex this VMC process of the seased this resulted in SW). Use of htex this VMC process of wastes disposed by Ale to the tion problems of there own. Journal of the seased the seased to the tion problems of there own. Journal of the seased the seased to the tion problems of there own. Journal of the seased the	cated by the pre reversed the hof VMC. Normal se of the KGT ome of the conwell has now converted to the north of the site work of the site work of the north of the movement of the movement of the movement of the said that the hot the the the the the the the the the th	revious use of sev normal direction ally gw flow would well cause gw to f tamianants from the eased. Bryson streuld be the result confident that the f VMC.  of the disposal. For gw (and some conlist apparently have addressing the feel a Superfund Norly different that the estigation & remediate essentially processors time.	eral large pumping we'll of flow. KGE had a be toward the SE(gradow toward the north and the alpha cake disposal essed that any contaminates were no other source as a some gw contaminate to the their tification). The VMC & have had no dial aciton at VMC.  installed by VMC as rohibitted any gw ere are 3 aquifers bear on the source and now know which

	DHONE CALL DISCUSSION FIELD TRIP CONFERENCE		
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TO: KDHE	FROM: EPA	PATED/88/82	
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Vulcan Materials Co., Wichita	a, Ks. PAGE THREE		
MMARY OF COMMUNICATION			
past & present) of the VMC progranics were found in routing implemented a major monitoring some major upgrading of the previous waste disposal at the approved by KDHE (Bryson has VMC has installed a number of explained that due to alternate which are being monitored at wells (part of the remedial avides copies of all data to ples collected for their own the adequacy of the monitoir KDHE required that VMC expand (which would be the normal dispose of the large pumping well have moved off the site in the ally surrounds the site plus sample the private wells to the nation. Bryson stressed that pulled off the site by the in Bryson said that there is no	wate the waste disposal a lant. Apparently concern ne NPDES monitoring at thing (gw) program at the siplant and has completed she site. All of these act been the primary contact figw monitoring wells bot ate layers of sand & clay the site. Groundwater wite action) is also analyzed Bryson. Also KDHE splits analysis. On an annual bing program & the remdial distence of gw flow). Due liss in the vicinity no continuous direction. The monito the off-site wells to the north of the site for the contamination present fluence of the KGE wells longer any movement of ce is doing a health assests.	te. VMC has also provided ome remedial actions regarding ions have been reviewed and in KDHE on this.).  h on & off the site. Bryson there are as many as 3 aquife thdrawn by the interceptor on a regular basis. VMC proacertain number of the samais VMC & KDHE meet to discuss action. It was in 1977 that rk off the site to the SE to the influence of the ntaminants have been found to irng network in place essential e SW. Also KDHE continues to residual levels of contamit t in these north wells was, which are no longer used. Ontamination of the site to sment of the levels of organic	

RECORD OF COMMUNICATION	DISCUST	SSION FIELD TRIP	CONFERENCE
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Vulcan Materials Co., Wichi	ta, Ks. Pa	ge 4	
3. Alternate water supplies convate wells north of the plant. in these wells. KDHE has not ye nant concentrations in these we KDHE health assessment may dete wells poses no health hazards (apal supply).  4. VMC has installed a number files borrowed on this site. Br was to prevent the continued of to pull back some of the contam a SWearlier.  Bryson indicated that the great that the data on chlorides indi however the data has been diffithat there may have been numero burail of wastes at the site. But "There is some slippage to the is still some gw contamination wells now inplace. VMC also recat least 1 additional interceptor at least 1 additional interceptor Gw that is withdrawn by the deep injection wells.  5. In order to understand the mas been used. Initially they determine the seen used.	KDHE continues to monit completed their heal alls but they are reported their heal alls but they are reported to make the consumption of interceptor wells. Syson said that the purificate movement of continuated gw that had moved the second that the movement of cates that clean up is cates that clean up is cult to interpret. Britished that the movement of the sw that has not consider the sw	Ith assessment of rted to be in the ption of the wate than the consumpt Specifics should rpose of the intentaminated gw. Alved off the site that the intercepify this for me. s taking place. Oyson attributes the leaky pipes in adonitoirng data do meant by this wat been recovered sult VMC & KDHE hinstalled to previously released proposal re the being disposed of that early model is that early model is the content of the cont	the contami- low ppb. The r from these ion of a munici be in the KDHE rceptor wells so they wanted to the north  tor wells "ap- Bryson said n the organics his to the fact ditioan to the indicate that s that there by the intercept ave agreed tht ent the continu- l gw in that di- proper location on the site into
satisfactorily calibrated to de	escribe present, past now beginning work on ave been using these m	a solute transport to determine the determined as a solute transport transpo	t model. They ine the effec-
ceptor wells.	to.		,
At the conclusion  ne Do their files the  his material as constra  rousing retectionship  FORMATION COPIES heat this as a	of the meet	Shoold	they Great
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